

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038019.D
 Acq On : 12 Nov 2024 14:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:30:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:23:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

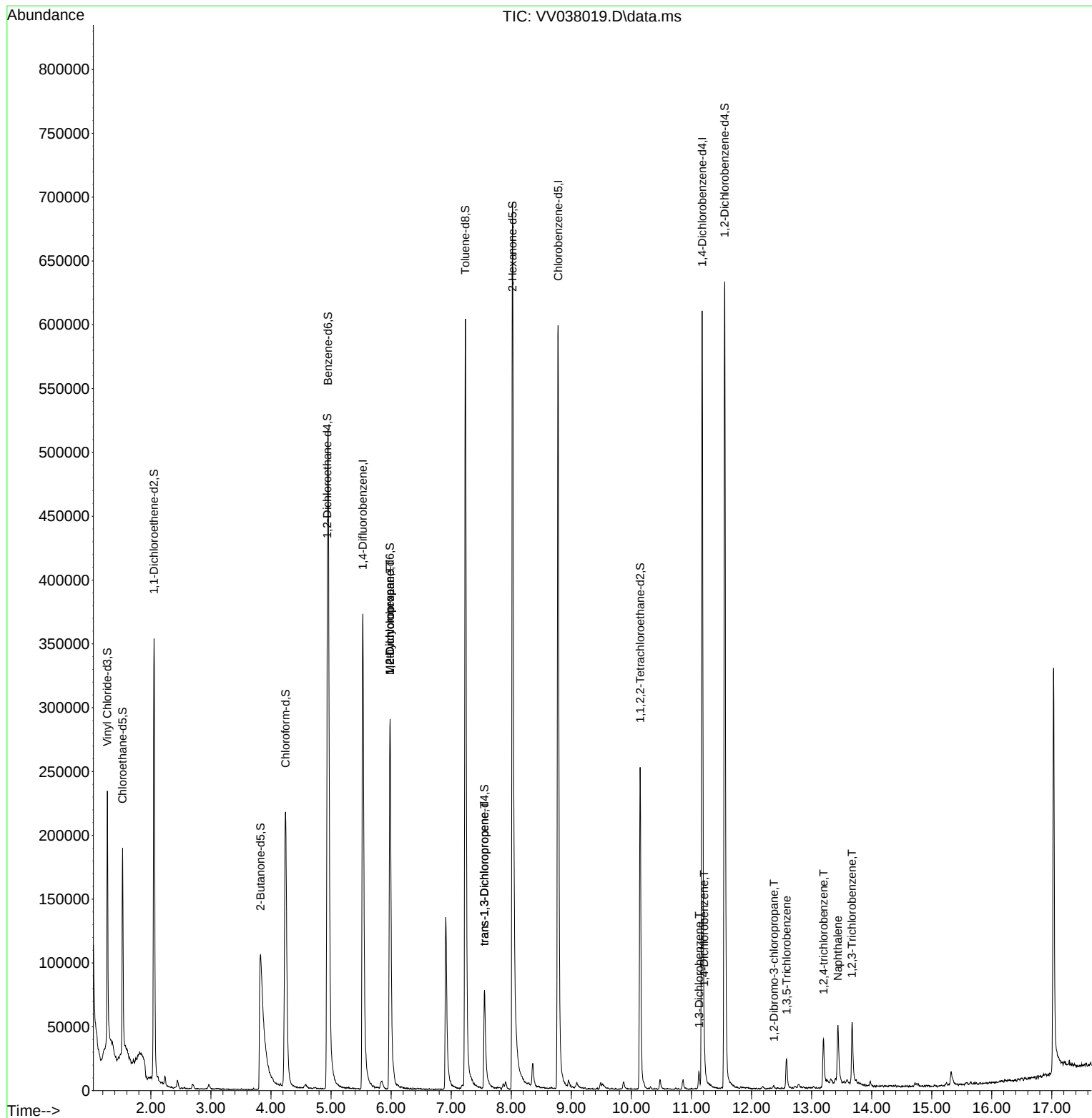
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	357710	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	355019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	170716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	130771	4.200	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.529	69	106298	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.053	65	56549	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.825	46	306309	42.811	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.620%
24) Chloroform-d	4.243	84	252347	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	4.937	65	128968	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.950	84	492196	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	5.982	67	152256	4.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.236	98	436137	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.554	79	58042	4.166	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.021	63	300981	48.334	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	127788	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	173256	4.881	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
35) Methylcyclohexane	5.982	83	39670	0.851	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	16870	0.604	ug/L #	85
44) trans-1,3-Dichloropropene	7.554	75	2906	0.082	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	6354	0.108	ug/L	92
65) 1,4-Dichlorobenzene	11.213	146	7902	0.131	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	619	0.164	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.583	180	8308	0.192	ug/L	95
70) 1,2,4-trichlorobenzene	13.197	180	12466	0.325	ug/L	99
71) Naphthalene	13.438	128	46150	0.661	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	16472	0.455	ug/L	92

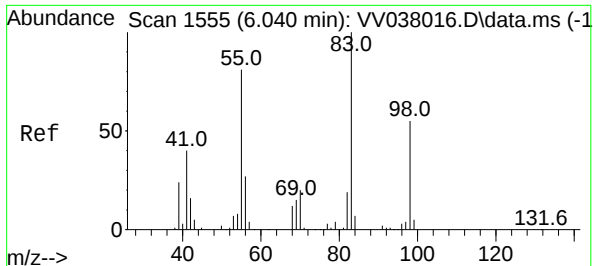
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 13 00:23:23 2024
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.851 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038019.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

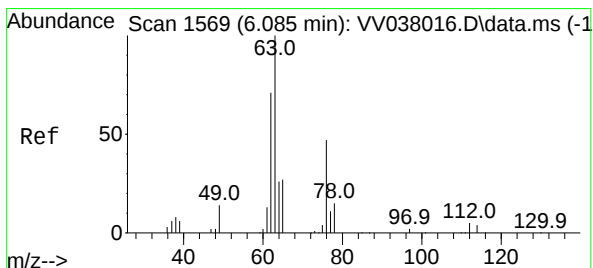
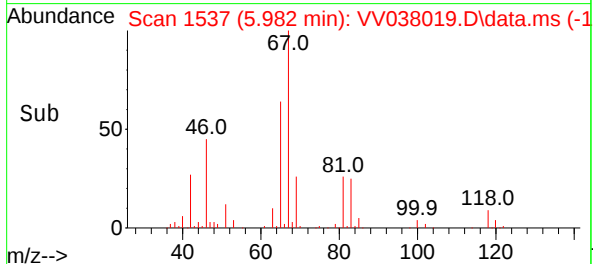
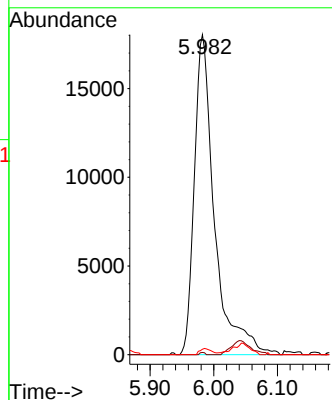
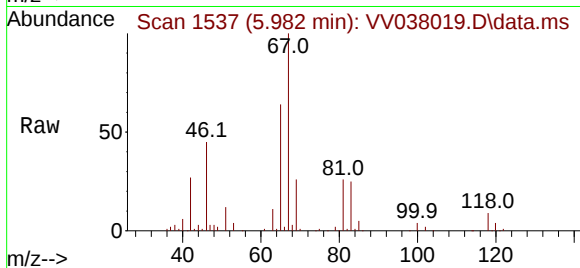
Tgt Ion: 83 Resp: 39670

Ion Ratio Lower Upper

83 100

55 0.2 58.8 88.2#

98 1.1 40.2 60.2#



#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.103 min

Lab File: VV038019.D

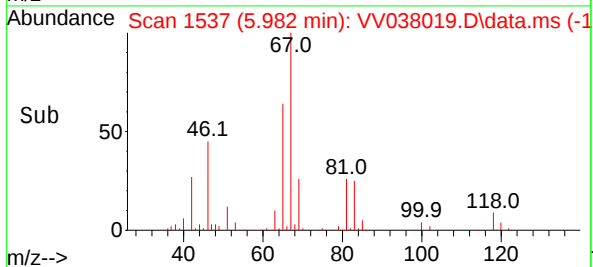
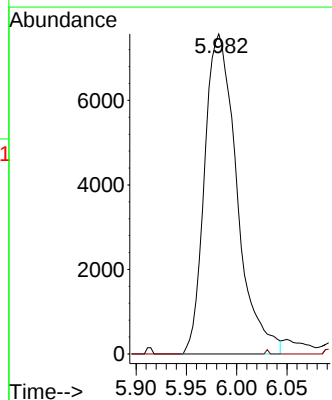
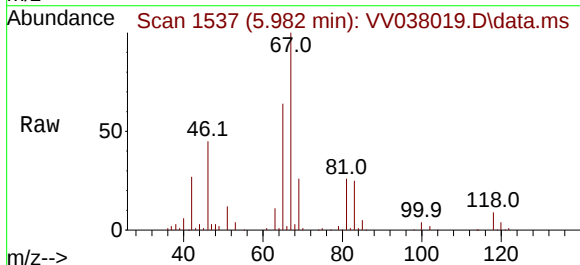
Acq: 12 Nov 2024 14:01

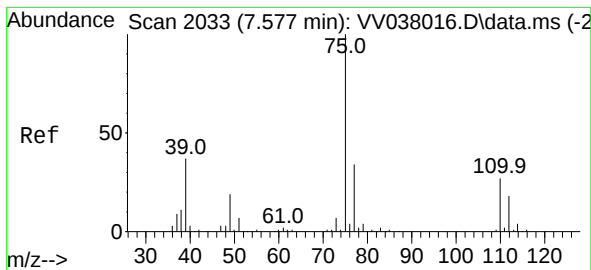
Tgt Ion: 63 Resp: 16870

Ion Ratio Lower Upper

63 100

112 0.1 4.1 6.1#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.554 min Scan# 2033

Delta R.T. -0.023 min

Lab File: VV038019.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_V

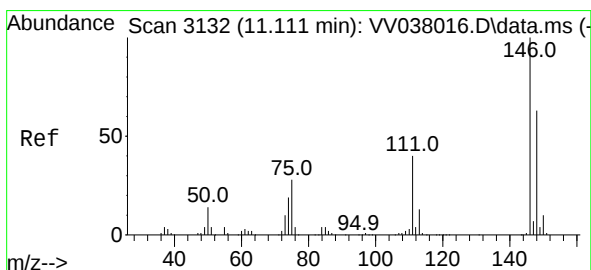
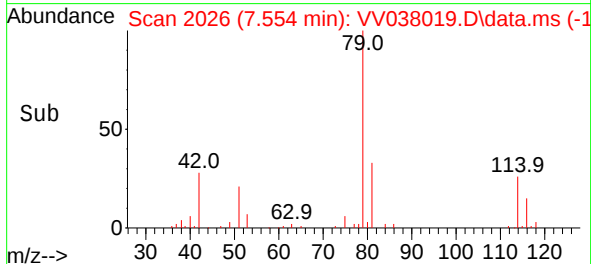
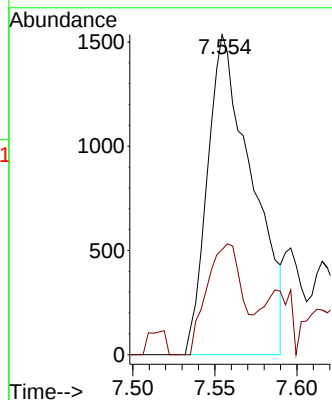
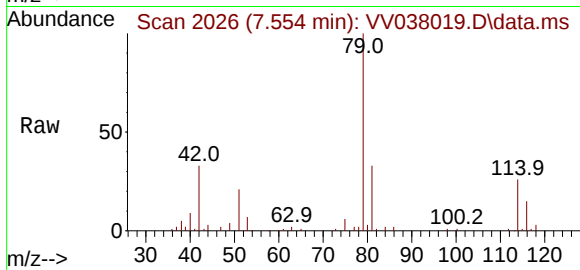
ClientSampleId :

Tgt Ion: 75 Resp: 2906

Ion Ratio Lower Upper

75 100

77 32.8 23.6 43.8



#64

1,3-Dichlorobenzene

Concen: 0.108 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.016 min

Lab File: VV038019.D

Acq: 12 Nov 2024 14:01

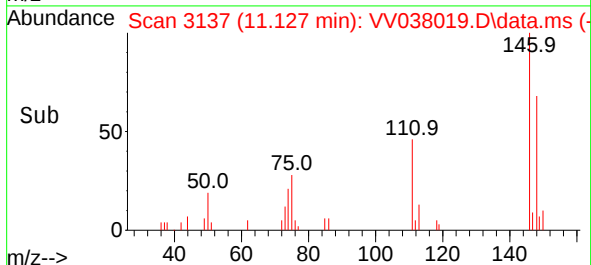
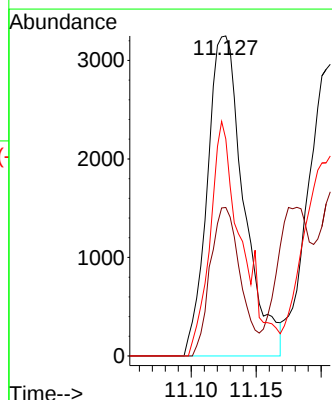
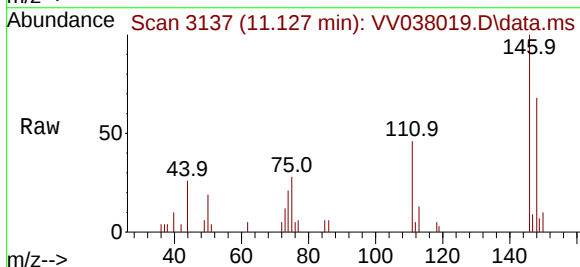
Tgt Ion:146 Resp: 6354

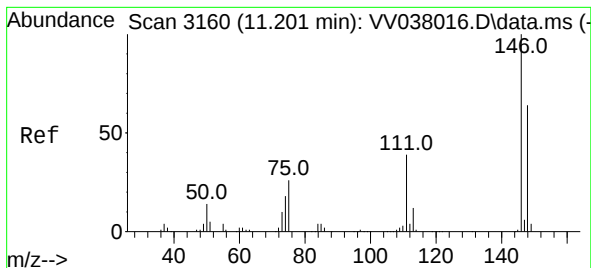
Ion Ratio Lower Upper

146 100

111 46.4 27.6 51.4

148 67.8 43.9 81.5





#65

1,4-Dichlorobenzene

Concen: 0.131 ug/L

RT: 11.213 min Scan# 3164

Delta R.T. 0.013 min

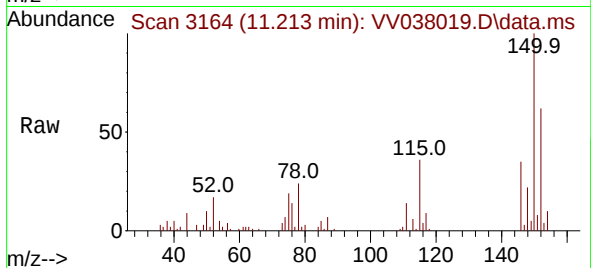
Lab File: VV038019.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :



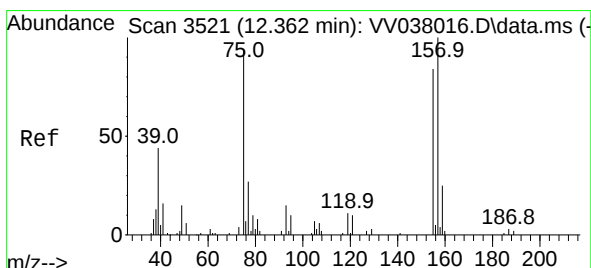
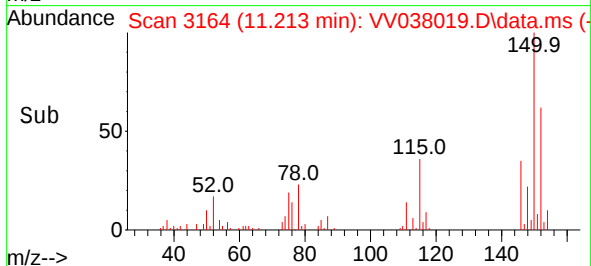
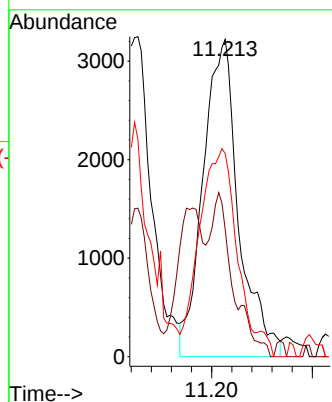
Tgt Ion:146 Resp: 7902

Ion Ratio Lower Upper

146 100

111 40.2 27.8 51.6

148 64.0 44.7 83.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.164 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.013 min

Lab File: VV038019.D

Acq: 12 Nov 2024 14:01

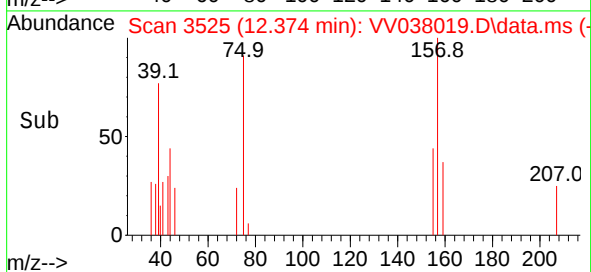
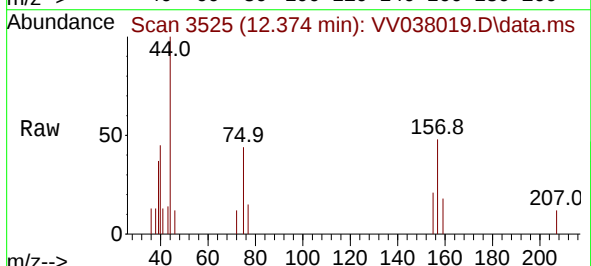
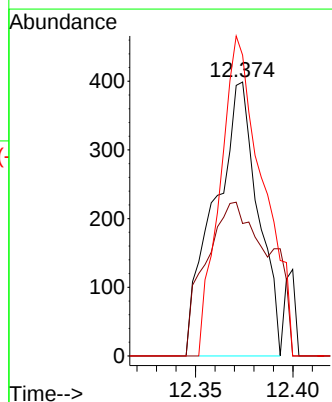
Tgt Ion: 75 Resp: 619

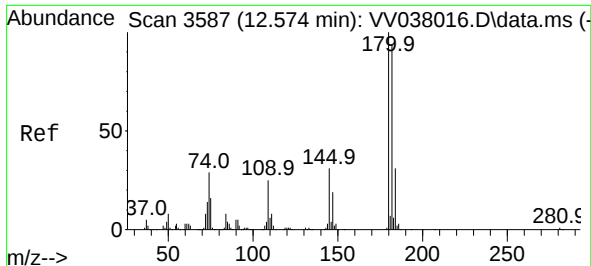
Ion Ratio Lower Upper

75 100

155 48.4 72.0 108.0#

157 109.8 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 0.192 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.009 min

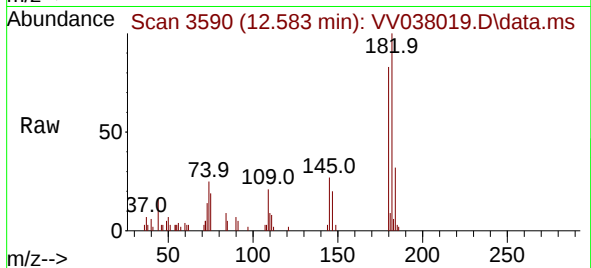
Lab File: VV038019.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 8308

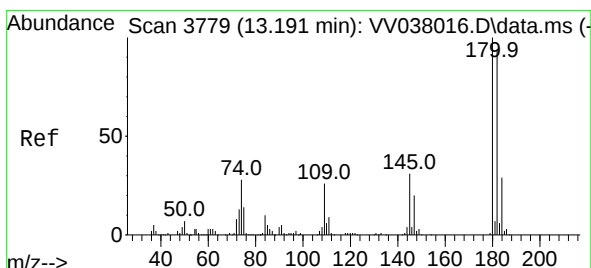
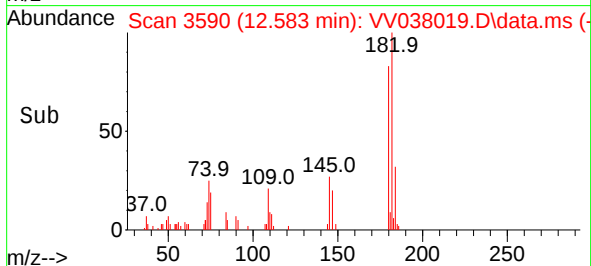
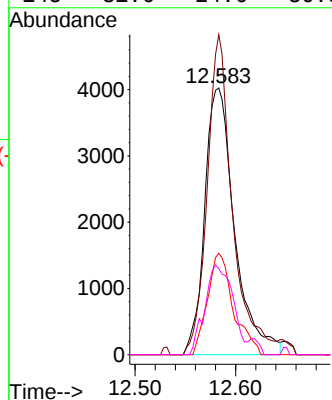
Ion Ratio Lower Upper

180 100

182 101.3 76.2 114.2

184 33.0 24.2 36.2

145 31.6 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 0.325 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.006 min

Lab File: VV038019.D

Acq: 12 Nov 2024 14:01

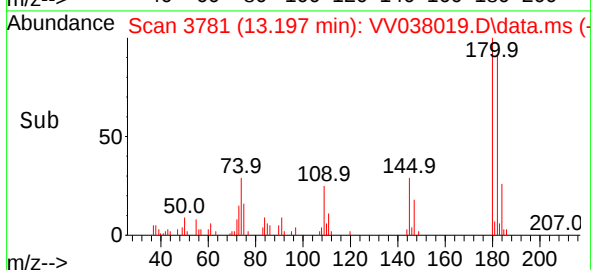
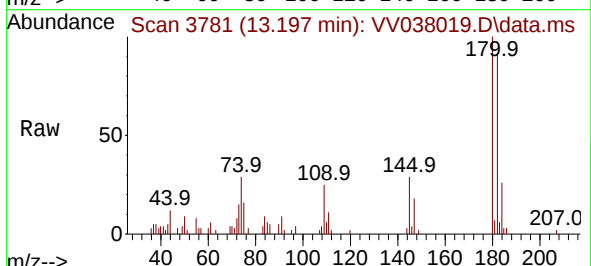
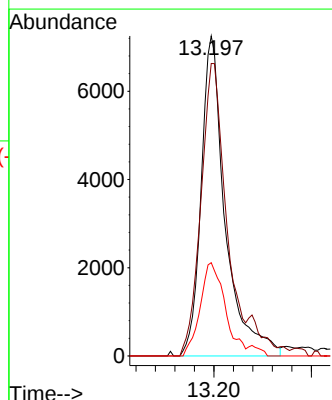
Tgt Ion:180 Resp: 12466

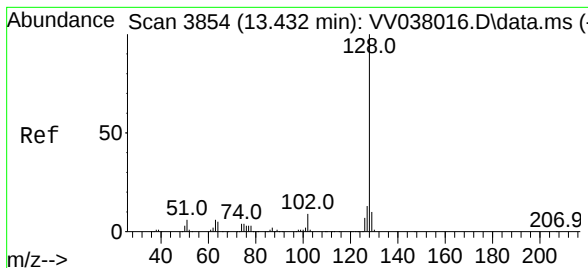
Ion Ratio Lower Upper

180 100

182 93.8 74.6 112.0

145 30.3 24.8 37.2





#71

Naphthalene

Concen: 0.661 ug/L

RT: 13.438 min Scan# 3854

Delta R.T. 0.006 min

Lab File: VV038019.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

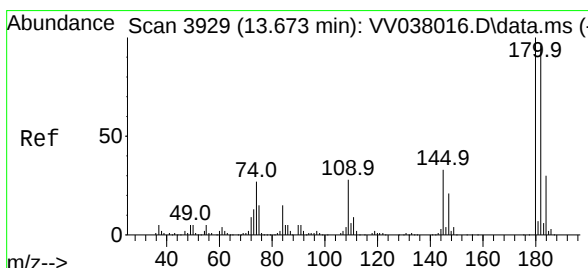
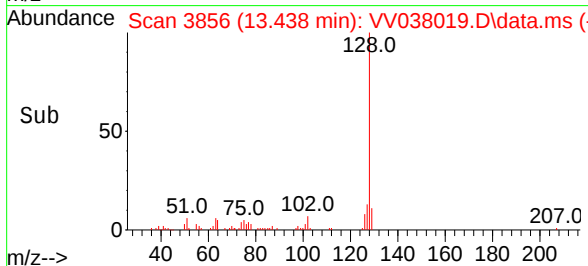
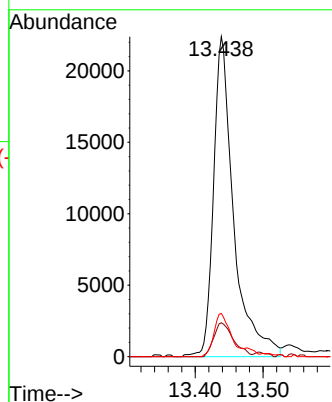
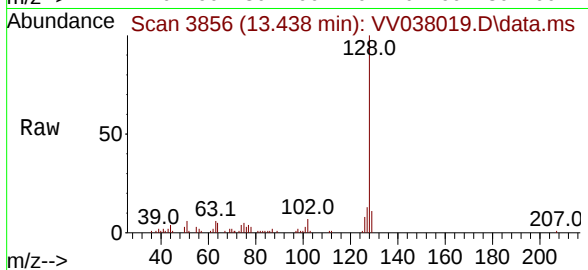
Tgt Ion:128 Resp: 46150

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 11.3 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 0.455 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV038019.D

Acq: 12 Nov 2024 14:01

Tgt Ion:180 Resp: 16472

Ion Ratio Lower Upper

180 100

182 86.2 76.6 114.8

145 34.0 26.2 39.2

